



# tesa® 4961

## Product Information



Double-sided tape with paper backing

### Product Description

tesa® 4961 consists of a natural rubber adhesive and special paper backing. The "hard" adhesive system provides good shear resistance and can also be removed without leaving adhesive residues.

### Product Features

- The "hard" adhesive system provides good shear resistance and can also be removed without leaving adhesive residues.

### Application Fields

- Splicing of paper and film
- Self-adhesive mounting of sanding discs
- General mounting on smooth surfaces

### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

### Product Construction

- |                    |                |                   |        |
|--------------------|----------------|-------------------|--------|
| • Backing          | flat paper     | • Total thickness | 205 µm |
| • Type of adhesive | natural rubber | • Color           | white  |
| • Type of liner    | glassine       | • Color of liner  | brown  |

### Properties/Performance Values

- |                          |             |                                     |           |
|--------------------------|-------------|-------------------------------------|-----------|
| • Elongation at break    | 3 %         | • Softener resistance               | medium    |
| • Tensile strength       | 90 N/cm     | • Static shear resistance at 40°C   | very good |
|                          | 51.4 lbs/in | • Tack                              | good      |
| • Ageing resistance (UV) | medium      | • Temperature resistance long term  | 40 °C     |
| • Chemical Resistance    | medium      |                                     | 104 °F    |
| • Humidity resistance    | medium      | • Temperature resistance short term | 110 °C    |
|                          |             |                                     | 230 °F    |



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### Adhesion to Values

• ABS (initial)	6 N/cm 54.8 oz/in	• PET (after 14 days)	5.8 N/cm 53 oz/in
• ABS (after 14 days)	6.6 N/cm 60.3 oz/in	• PP (initial)	5.4 N/cm 49.3 oz/in
• Aluminium (initial)	6.1 N/cm 55.7 oz/in	• PP (after 14 days)	6.7 N/cm 61.2 oz/in
• Aluminium (after 14 days)	6.6 N/cm 60.3 oz/in	• PS (initial)	7 N/cm 64 oz/in
• PC (initial)	7.3 N/cm 66.7 oz/in	• PS (after 14 days)	7.7 N/cm 70.3 oz/in
• PC (after 14 days)	7.5 N/cm 68.5 oz/in	• PVC (initial)	6.2 N/cm 56.6 oz/in
• PE (initial)	3.9 N/cm 35.6 oz/in	• PVC (after 14 days)	6.3 N/cm 57.6 oz/in
• PE (after 14 days)	4.1 N/cm 37.5 oz/in	• Steel (initial)	7.8 N/cm 71.3 oz/in
• PET (initial)	5.7 N/cm 52.1 oz/in	• Steel (after 14 days)	8 N/cm 73.1 oz/in

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=04961>